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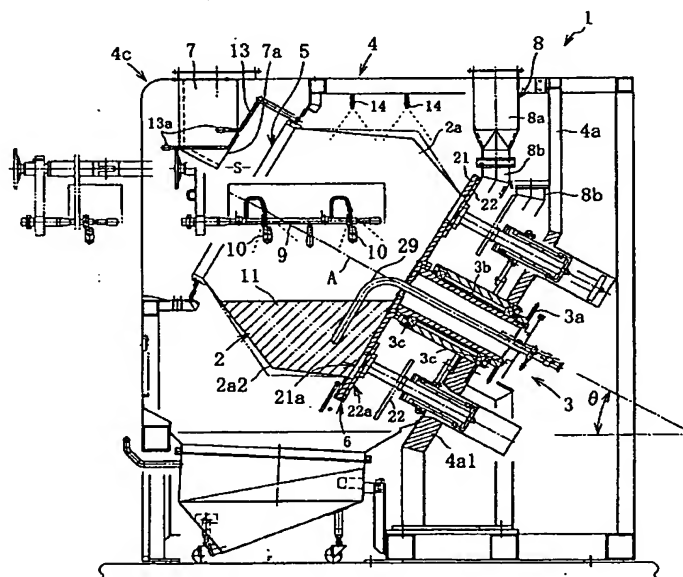
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- (51) 国際特許分類<sup>7</sup>: B05C 11/00, 3/08 (72) 発明者; および  
(21) 国際出願番号: PCT/JP2003/008348 (75) 発明者/出願人 (米国についてのみ): 長谷川 浩司  
(22) 国際出願日: 2003 年 7 月 1 日 (01.07.2003) (HASEGAWA, Koji) [JP/JP]; 〒664-0874 兵庫県 伊丹市 山田 6-5-7 2 Hyogo (JP). 松浦 八司 (MAT-SUURA, Hiroshi) [JP/JP]; 〒664-0023 兵庫県 伊丹市 中野西 1 丁目 1 5 3-9 Hyogo (JP). 村上 哲也 (MURAKAMI, Tetsuya) [JP/JP]; 〒660-0811 兵庫県 尼崎市 常光寺 1-8-2 8 Hyogo (JP). 坂本 隆 (SAKAMOTO, Takashi) [JP/JP]; 〒561-0858 大阪府 豊中市 服部西町 1-1 0-3 Osaka (JP).  
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[続葉有]

(54) Title: COATING DEVICE

(54) 発明の名称: コーティング装置



(57) Abstract: A rotary drum (2) rotates around an axis (A) inclined at a predetermined angle ( $\theta$ ) with respect to the horizontal. A treating gas flows from the ventilation port (7a) of a ventilation duct (7) into the rotary drum (2) through a gas supply port (5) at one end of the rotary drum (2) and passes through a particle layer (11), flowing out into an exhaust duct (8) through the ventilation port (21a) of a first disk plate (21) and the communication port (22a) of a second disk plate (22).

(57) 要約: 回転ドラム 2 は、水平線に対して所定角度  $\theta$  をもって傾斜した軸線 A の回りに回転する。処理気体は、通気ダクト 7 の通気口 7 a から回転ドラム 2 の一端部の給気口 5 を介して回転ドラム 2 の内部に流入し、粉粒体層 1 1 の中を通過して、

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WO 2004/022246 A1



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(AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI 特許 (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

添付公開書類:

— 国際調査報告書

2 文字コード及び他の略語については、定期発行される各 PCT ガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/JP03/08348

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl.<sup>7</sup> B05C11/00, B05C3/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl.<sup>7</sup> B05C11/00, B05C3/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2003  
Kokai Jitsuyo Shinan Koho 1971-2003 Toroku Jitsuyo Shinan Koho 1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP.2001-58125 A (Powrex Corp.), 06 March, 2001 (06.03.01), Full text; all drawings (Family: none)	1-7, 18-22 8-17, 23, 24
Y	JP 61-171563 A (Tokyo Koparu Kagaku Kabushiki Kaisha), 02 August, 1986 (02.08.86), Full text; all drawings (Family: none)	1-7, 18-22
Y	JP 62-294461 A (Hokko. Co., Ltd.), 21 December, 1987 (21.12.87), Full text; all drawings (Family: none)	2-7

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

\* Special categories of cited documents:  
"A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier document but published on or after the international filing date  
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search  
04 November, 2003 (04.11.03)

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Name and mailing address of the ISA/  
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International application No.  
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 89205/1979 (Laid-open No. 7569/1981) (Okawara Mfg. Co., Ltd.), 22 January, 1981 (22.01.81), Full text; all drawings (Family: none)	18-22